



Join us the second Thursday of every month for a series of "brown bag" seminars, sponsored by the National Renewable Energy Laboratory and the U.S. Department of Energy. Each seminar is held at NREL's Washington office with a videoconference link to Golden, Colorado. Topics focus on new and innovative renewable energy and energy analysis strategies, models, and technologies.



Energy Analysis Seminar Series

A "brown bag" analytical seminar series

Moving Toward Consistent Analysis in the HFC&IT Program: H2A

Margaret Mann, Senior Chemical Process Engineer
National Renewable Energy Laboratory (NREL)

Thursday, September 9, 2004

Noon – 1 p.m. (in Washington, D.C.)

10 – 11 a.m. (videoconference in Golden, Colo.)

With research and development efforts in hydrogen production and delivery systems at the forefront, a significant need for analysis relating to this R&D exists. H2A, which stands for Hydrogen Analysis, was formed in 2002 to better leverage the combined talents and capabilities of analysts working on hydrogen systems in the Hydrogen, Fuel Cells, and Infrastructure Technologies Program. This effort also established a consistent set of financial parameters and methodology for cost analyses. The foundational goals of H2A are to improve the transparency and consistency of approach to analysis, improve the understanding of the differences among analyses, and seek better validation of analysis studies by industry. Margaret Mann's presentation will include a summary of H2A accomplishments, including the H2A cost analysis tool and production and delivery case studies.



Margaret Mann

Margaret Mann is a senior chemical process engineer at the National Renewable Energy Laboratory, where she leads a team of engineers to conduct technoeconomic analyses and life-cycle assessments of renewable energy systems. She has more than 10 years experience in process design and simulation, process cost analysis, life-cycle assessment (LCA), and technical project management. In 2002, Maggie worked with DOE to form the H2A (for Hydrogen Analysis) group, which works to establish a consistent methodology for conducting analyses on hydrogen systems. Maggie is on the executive board of the American Society of Life Cycle Assessment and is an advisory member of the North American Life Cycle Inventory Database Project.

Golden, Colo., information

1829 Denver West Drive, Golden, Colorado
Building 27, Conference Room 230 A/B

Please contact Lynne Fenn at lynne_fenn@nrel.gov or 303-384-7439

Washington, D.C., information

901 D Street SW (also the Aerospace Building, 370 L'Enfant Promenade), adjacent to the Forrestal Building

Please contact Wanda Addison at wanda_addison@nrel.gov or 202-646-5278

If you are interested in participating in the seminar via conference call, please contact Wanda Addison at wanda_addison@nrel.gov or 202-646-5278 for instructions.

